

Heat**Heat**See also narrower: *Waste heat*

See also related:

Blackbody radiation
Calorimetry
Enthalpy
Entropy
Heat balance
Heat capacity
Heating
Heat transfer
Internal energy
Radiation
Temperature
Thermal analysis
Thermal properties
Thermodynamic cycle
Thermodynamics
Thermohydraulics

HEATSee *1(2H)-Naphthalenone, 3,4-dihydro-2-[[[2-(4-hydroxyphenyl)ethyl]amino]methyl]-[40077-13-2]***Heat-aging**See *Thermal aging***Heat balance**

See also related:

Equilibrium
Heat
Heat transfer
Mass balance

Heat burnSee *Burn***Heat capacity**

See also narrower:

Isochoric heat capacity
Magnetic heat capacity

See also related:

Calorimetry
Debye temperature
Grüneisen constant
Heat
Lambda point

Heat conductionSee *Thermal conductivity***Heat conductivity**See *Thermal conductivity***Heat content**See *Enthalpy***Heat cramps**See *Stress, animal, heat***Heat-curable adhesives**See *Adhesives, thermosetting***Heat cycle**See *Thermodynamic cycle***Heat effects (biological)**

Valid heading during volumes 126-130 (1997-June 1999) only

See *Temperature effects, biological, heat***Heaters**

See also narrower:

Electric heaters
Solar heaters

See also related:

Burners
Furnaces
Heating systems
Heat pipes
Thermoelectric devices

Heat exchangeSee *Heat transfer***Heat exchange apparatus**See *Heat exchangers***Heat-exchange apparatus**See *Heat exchangers***Heat exchanger**See *Heat exchangers***Heat exchanger fins****Heat exchangers**

See also narrower:

Heat exchanger fins
Heat exchanger tubes
Heat pipes
Heat pumps
Heat sinks
Radiators

See also related:

Cooling apparatus
Heating systems
Refrigerating apparatus

Heat exchanger tubesSee also related: *Heat transfer***Heat exchange tubes**See *Heat exchanger tubes***Heat flow (geological)**See *Geological heat flow***Heath (plant)**See *Erica***Heather**See *Calluna***Heather moth**

This heading is used only when the specific taxonomy cannot be established from the original document

Heating

See also narrower:

Cooking
Electric heating
Laser heating
Magnetocaloric effect
Microwave heating
Thermal runaway

See also related:

Boiling
Combustion
Cooling
Food processing
Furnace firing
Furnaces
Heat
Heating systems
Heat pumps
Heat storage

Heat treatment

Ovens

Sintering

Temperature

Thermal cycling

Thermal plasma

Thermite process

Thermohydraulics

Heating systems

See also related:

Appliances
Furnaces
Heaters
Heat exchangers
Heating
Ovens
Thermal insulators

Heating systems and HeatersSee *Heating systems***Heating value**See *Calorific value***Heat labile enterotoxin**

Valid heading during volumes 127-130 (July 1997-June 1999) only

See *Toxins, enterotoxins, heat-labile***Heatless Glass GS 600-1**See *Polysiloxanes***Heatmax**See *Benzene, ethenyl-, polymers, homopolymer [9003-53-6]***Heat of absorption**See *Absorption enthalpy***Heat of abstraction reaction**See *Abstraction reaction enthalpy***Heat of addition reaction**See *Addition reaction enthalpy***Heat of adsorption**See *Adsorption enthalpy***Heat of association**See *Association enthalpy***Heat of atomization**See *Atomization enthalpy***Heat of chemisorption**See *Chemisorption enthalpy***Heat of combustion**See *Combustion enthalpy***Heat of conformational inversion**See *Conformational transition enthalpy***Heat of coordination**See *Complexation enthalpy***Heat of crosslinking**See *Crosslinking enthalpy***Heat of crystallization**See *Crystallization enthalpy***Heat of decomposition**See *Decomposition enthalpy***Heat of denaturation**See *Denaturation enthalpy***Heat of dilution and Heat of concentration**See *Dilution enthalpy***Heat of dimerization**See *Dimerization enthalpy***Heat of dissociation**See *Dissociation enthalpy***Heat of electron exchange**See *Electron transfer enthalpy***Heat of evaporation and Heat of condensation**See *Evaporation enthalpy***Heat of extraction**See *Extraction enthalpy***Heat of formation**See *Formation enthalpy***Heat of fusion and Heat of freezing**See *Fusion enthalpy***Heat of gelation**See *Gelation enthalpy***Heat of hydration and Heat of dehydration**See *Hydration enthalpy***Heat of hydrogenation**See *Hydrogenation enthalpy***Heat of hydrogen bonding**See *Hydrogen bonding enthalpy***Heat of hydrogen shift**See *Hydrogen shift enthalpy***Heat of hydrogen transfer**See *Hydrogen transfer enthalpy***Heat of hydrolysis**See *Hydrolysis enthalpy***Heat of immersion and Heat of wetting**See *Immersion enthalpy*See *Wetting enthalpy***Heat of inclusion reaction**See *Inclusion reaction enthalpy***Heat of ion exchange**See *Ion exchange enthalpy***Heat of ionization**See *Ionization enthalpy***Heat of isomerization**See *Isomerization enthalpy***Heat of micellization**See *Micellization enthalpy***Heat of mixing**See *Mixing enthalpy***Heat of oxidation**See *Oxidation enthalpy***Heat of polymerization**See *Polymerization enthalpy***Heat of protonation**See *Protonation enthalpy***Heat of reaction**See *Reaction enthalpy***Heat of redox reaction**See *Redox reaction enthalpy***Heat of reduction**See *Reduction enthalpy***Heat of relaxation**See *Relaxation enthalpy***Heat of ring closure**See *Cyclization enthalpy***Heat of solution**See *Solution enthalpy***Heat of solvation**See *Solvation enthalpy***Heat of sorption**See *Sorption enthalpy***Heat of sublimation and Heat of condensation**See *Sublimation enthalpy***Heat of substitution reaction**See *Substitution reaction enthalpy***Heat of tautomerization**See *Tautomerization enthalpy***Heat of thermal decomposition**See *Thermal decomposition enthalpy***Heat of transfer and Heat of transport**See *Transfer enthalpy***Heat of transition**See *Phase transition enthalpy***Heat pipes**

See also related:

Heaters
Heat pumps
Heat transfer

Heat pumps

See also related:

Heating
Heat pipes
Pumps
Refrigeration

Heat recovery

Valid heading during volumes 126-130 (1997-June 1999) only

See *Heat, recovery***Heat resistance**See *Thermal resistance***Heat-resistant adhesives**

Valid heading during volumes 126-130 (1997-June 1999) only

See *Adhesives, heat-resistant***Heat-resistant coatings**

Valid heading during volumes 126-130 (1997-June 1999) only

See *Coating materials, heat-resistant***Heat-resistant fibers**

Valid heading during volumes 126-130 (1997-June 1999) only

See

Fibers
heat-resistant
Heat-resistant materials
fibers

Heat-resistant films

Valid heading during volumes 126-130 (1997-June 1999) only

See

Films
heat-resistant
Heat-resistant materials
heat-resistant

Heat-resistant materials

See also related:

Heat stabilizers
Thermal resistance

Heat-resistant potting compositions

Valid heading during volumes 126-130 (1997-June 1999) only

See *Potting compositions, heat-resistant***Heat-sensitive adhesives**See *Adhesives, thermosetting***Heat-sensitive materials****Heat shields**

See also related:

Heat transfer
Thermal insulators

Heat-shock factors

Valid heading during volumes 126-130 (1997-June 1999) only

See *Transcription factors, HSF (heat-shock factor)***Heat-shock proteins****Heat-shrinkable films****Heat-shrinkable materials**See also narrower: *Heat-shrinkable films*See also related: *Packaging materials***Heat sinks**

See also related:

Cooling apparatus
Thermal conductors

Heat stabilizers

See also related:

Antioxidants
Heat-resistant materials

Heat stable antigen

Valid heading during volumes 127-130 (July 1997-June 1999) only

See *Antigens, heat-stable***Heat stable enterotoxin**

Valid heading during volumes 127-130 (July 1997-June 1999) only

See *Toxins, enterotoxins, heat-stable***Heat storage**

See also related:

Energy storage systems
Heating

Heat stress (animal)

Valid heading during volumes 126-130 (1997-June 1999) only

See *Stress, animal, heat***Heat stress (plant)**

Valid heading during volumes 126-130 (1997-June 1999) only

See *Stress, plant, heat***Heat transfer**

See also narrower:

Conductive heat transfer
Convective heat transfer
Cooling
Heating
Radiative heat transfer

See also related:

Condensation (physical)
Condensers
Convective flow
Cooling apparatus
Dimensional analysis